

REMARKS

In response to the Office Action dated July 8, 2004, Applicants respectfully request reconsideration.

Claims 1-16 and 45-61 stand rejected under the judicially created doctrine of obviousness-type double patenting in view of claims 1-33 of U.S. Patent Number 6,717,475. Applicants have canceled these claims without prejudice, rendering their rejection moot.

Claims 19, 21-23, 26-34, 36-40, and 44 stand objected to as being dependent upon a rejected base claim but would be allowable if amended into independent form including the base claim and any intervening claims. As discussed below, Applicant respectfully asserts that the respective base independent claims, 17 and 35, are allowable and thus claims 19, 21-23, 26-34, 36-40, and 44 remain in dependent form.

Claims 1, 2, 7, 9, 17, 18, 20, 24, 25, 35, 41-43, 57, and 59-61 stand rejected under 35 U.S.C. 102(b) in view of U.S. Patent Number 6,064,274 (Nayebi). The rejection of claims 1, 2, 7, 9, 57, and 59-61 is rendered moot by the cancellation of these claims. Applicants respectfully assert that claims 17, 18, 20, 24, 25, 35, and 41-43 are allowable in view of Nayebi.

Independent claim 17, and its dependent claims, are patentable over Nayebi. Claim 17 recites a method that includes determining an indication of a difference between a VCO-lock voltage and a tuning voltage approximately at an activation time of a PLL, and providing charge in an amount depending upon the difference to a VCO. Nayebi discusses a PLL configuration for reducing leakage by feeding back leakage current to a filter component 214. Column 4, lines 49-60. Nayebi, however, does not teach, disclose, or suggest determining the recited difference between VCO-lock voltage and tuning voltage at approximately an activation time of the PLL and providing charge to the VCO depending upon this difference during at least a portion of a deactivation time when the PLL is deactivated to affect the tuning voltage of the VCO. For at least these reasons, independent claim 17, and claims 18-34 that depend directly or indirectly from claim 17, are not anticipated or rendered obvious by Nayebi.

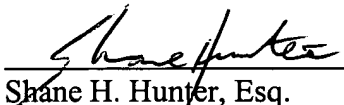
Independent claim 35, and its dependent claims, are also patentable over Nayebi. Claim 35 recites a PLL that includes means for determining an indication of a difference between a VCO-lock voltage and a tuning voltage approximately at an activation time of a PLL and means for providing charge to a VCO during at least a portion of a deactivation time of the PLL and in

an amount depending upon the difference between the VCO-lock voltage and the tuning voltage approximately at the activation time to affect the tuning voltage of the VCO. Nayebi discusses a PLL configuration for reducing leakage by feeding back leakage current to a filter component 214. Column 4, lines 49-60. Nayebi, however, does not teach, disclose, or suggest means for determining the indication of a difference between the VCO-lock voltage and the tuning voltage at approximately an activation time of the PLL and means for providing charge to the VCO depending upon this difference during at least a portion of a deactivation time when the PLL is deactivated to affect the tuning voltage of the VCO. For at least these reasons, independent claim 35, and claims 36-44 that depend directly or indirectly from claim 35, are not anticipated or rendered obvious by Nayebi.

Applicants have added new claims 62-63. These claims depend indirectly from independent claims 17 and 35, respectively, and are patentable over Nayebi for at least the reasons presented above with respect to claims 17 and 35. No new matter is introduced by claim 62 or claim 63.

Based on the foregoing, this application is believed to be in allowable condition, and a notice to that effect is respectfully requested. The Examiner is invited to call the Applicants' Attorney at the number provided below with any questions.

Respectfully submitted,



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